

FIG. 1

CETP Genomic (SEQ ID NO:1)
Genbank M32992

tgtctttttc	tcatagtcat	tgtatttttg	cctcttttcta	tttatggcaa	cagagagaga	60
aagcttatcc	ctagatatat	gtattttaagt	aaaaataaat	gaattcatgg	aaacatatata	120
agcaattatc	cagataaacat	aagggatggc	aaaaatgggtg	cagatgggtg	aggggagaca	180
agtagaagtt	gggtgctctc	tgttgaatgt	ctggctctga	actctagagg	agggccgcagg	240
ggctgggcag	gaaggagggtg	aatctcttgg	gccaggaaga	cctgctgccc	cggaagagacc	300
tcattgttccg	tgggggctgg	gcggacatac	atatacgggc	tccaggctga	acggctcggg	360
ccacttacac	accactgcct	gataaccatg	ctggctgcca	cagtcctgac	cctggccctg	420
ctgggcaatg	cccatgcctg	ctccaaaggc	acctcgcacg	aggcaggcat	cgtgtgccgc	480
atcaccaaagc	ctgccctcct	ggtgtgtaag	tatcagtgca	tctgtctgcc	ctgccagggg	540
tcttttcacg	gacacccact	atgccaggag	cctccctggc	ctgaagccag	ccctgaagcc	600
ggctgccaca	ctagcccaga	gagaggagtg	ccctggggagg	gagatgggct	gagtgagact	660
gtcatcaccc	cctcctgacc	tgccttcaa	ggtcaagtct	tttggtaga	aggtcctagc	720
tgcattgcaa	acagccaggt	atagggattt	gtgtttgtct	gcgacccaga	atcacctggg	780
tccgagttag	ggttcagatc	tgagccaggt	taggggggta	atgtcagggg	gtaaaagatta	840
ggaggttggt	gtatatattg	tgttgggggt	cactctatgg	ccaaagtcag	gggttgccat	900
gagctcaggt	gacggaggct	ccatcactga	ctgttttgtga	ctttgccagc	tcccctggcc	960
ctctctgggc	ctcagttctc	tgtctatata	ataaggggtat	agggaggcta	aatgatacaa	1020
tttctaaaaat	agagtatcgc	caagttcaaa	agccagaatt	atagacccca	ggactacaga	1080
cagtgtcaca	gcatacgtctg	ggtgaggcta	gggttagtgt	gcggctgggc	tcagggctgc	1140
cccatattgct	aggatcgtgg	ggttccccatg	tgtcaggatc	cagaggctag	ggtatgatca	1200
ggatctctag	ctggggctcag	ggtcagagct	ctctgtgtcc	cctagaattg	ccatcaacct	1260
taaaccacaga	ggaggccccag	tccaacccct	cagctttaag	acctgggagc	ctcatctcag	1320
agaggctgag	tcattggccaa	ggcagtttgg	gtgggagcag	ggggctttggt	gtgggcctgc	1380
agccctcatc	cactgcccctc	cctctagtga	accacgagac	tgccaagggtg	atccagaccg	1440
ccttccagcg	agccagctac	ccagatatca	cgggcgagaa	ggccatgatg	ctccttggcc	1500
aagtcaagta	tgggttgcac	aagtgagtcg	ggcctcgggt	gtgacctggc	tgggggtagg	1560
gtggcgggag	gaacagcctg	ggcttcccc	agccacaggg	aggaaaaggca	gcagctgggg	1620
gactcagggtc	tctcccccttg	atttgggaacc	agagcc			1656

FIG. 2A

CETP Genomic (SEQ ID NO:2)
Genbank M32993

ctctttttta aagataggca tttctagata taaatctccc tgtgagcagc gttccctcca	60
tcttcagcac accagggttg actctctccg ggcgttcttc cctgggtcacc tctcccttc	120
ctctcctctt ctgcctcctc ttccactttt cggtaacctg tgattgattg ggaccaccca	180
gataacctag gatcatctcc ccacctacc caaggtcctt aacttaacca tacttcata	240
gggtaacacg agttgagtgt ggtacctagg tttgacatgt tgggtaacat atttgcaggt	300
tctgtggatt aggaggacat ttggggggcc atgattctat ctccaccct cgcctagaca	360
aaattggagg ctcactcctt gggctccctg gatgaccccc aacatccttc ctcacttcca	420
ttccttccca gcatccagat cagccacttg tccatcgcca gcagccaggt ggagctgggtg	480
gaagccaagt ccattgatgt ctccattcag aacgtgtctg tggcttcaa ggggacctg	540
aagtatggct acaccactgc ctggtggtaa gcatctcctg cagctgatgc cccatgcct	600
ggccctctct ggggtggagg ctgaatgagg tctgggtcct tggctcttc caggctgggt	660
attgatcagt ccattgactt cgagatcgac tctgccattg acctccagat caacacacag	720
ctgagtatgt gtcaagcgtc ctctggggaa gtgggagctg gactccaggg ctgggtcag	780
cagaggggga ggttgtgcag gcagagggtt ctggggccac caaaggaggc agcctgggaa	840
gtttgcaggg ttggggaccc cagagctggc caagctcttg actggcctgg gcagcatgtg	900
gataccatct gatagcggag gctgcccctga ggtcatgtcg ggtctccctg cagcctgtga	960
ctctggtaga gtgcggaccg atgcccctga ctgctacctg tctttccata agctgctcct	1020
gcactctcaa ggggagcgag agtaagtaca ccacctgtg cccccattcc tgtcgtgccc	1080
atcctgttag tgtgtccacg gcccctcca ggtcaaccc cacacaggga tgcctgtggg	1140
tggccaaacc tgaggggcagc aataccttca gtgggggtcat tccatcccc tccatcaata	1200
cacctaaag gctggaaaca acaataacca acagctagta actaacagct attaagaact	1260
tctgttggca aagcactatt ccaagccctt tcatgaatta attgattttg tccttaaac	1320
caaccctagg atatagattc tgttatcatc ccttttttac atatgggtaa actgagtcac	1380
agacaggtta gaaaggaaaa gctcatatct acggagtcca tcctgcattc caagcaccac	1440
actaactcag agataaaact ctagccaagc taagtaactt gctgaggaca cacaactcg	1500
cactaaggga tgggagtagg acccatttga acccagactt ctctgacccc agaagctgag	1560
ttcctagata ctttactctc ctgcttccca ggggtggggct tttgtcttg gccaacaccc	1620
tctgtcaagg agctgtggta accccattgc acagagggaag ataacaaggt ttggagagtc	1680
cctagtcatg ttaccaatgc caaacctgga aggcagaagg gaactggttg gtggggtctg	1740
gagaggagcc ctctattcag gccatttttt ctgactctgg agcaagacgg atacatgtat	1800
gaatttggac tctagacacg ttctcgtgtg tgtgacaggt gtgagcgtca caggagctgg	1860
gcctcccca ggaattcttg atggtgccac agttaattct tgggtctgag gctccgtgtt	1920

1980	ctcactgcaa	aatgggagtg	ataattctta	cttcctgagc	tacaagagtc	agggccaa
2040	gagccatgaa	ggagcctggt	acacactagg	cgctccatgg	atgcacagga	ctggtcaggg
2100	gtcctatgtg	gtgcttgctg	ccttcaggcc	tgggtggatc	aagcagctgt	tcacaaattt
2160	catctccttc	accctgaagc	tggctctgaa	gggacaggtg	agtgaggctg	gctgactccc
2220	tgtgggtccag	gccatgccca	ggaggctgga	tccctttcct	ccctgccttt	ccctgagaag
2280	gtgccactcc	cacctttccc	atgtggccag	tccctgtgct	cggtccccag	cactgccacc
2340	accacgcagc	tggaaggagg	cactccgtct	ggcctccttt	cctgcctgga	aagcacctgc
2400	tctgtctgcc	ccagatctgc	aaagagatca	acgtcatctc	taacatcatg	gccgattttg
2460	tcagagacaa	ggctbgtgag	tgcgtttctg	tctgcatgcc	tcagaagaca	gcagtgggag
2520	ccagaaaagcc	acctgctgca	ctatgtggcc	tgggactgt	cactcttccc	gtctaggctc
2580	catgggctct	atctggctct	gacacttgat	gattagttat	gagcatactt	tggcaaagct
2640	ctgccccctt	ggtgcggctc	acaagctgtg	tggcgaaagg	cttgtctata	gaactcagga
2700	caaatgggtg	attaaagtcca	agaggcatcc	aagattctcc	tggaaagtaga	ttaggaaaaa
2760	agataaattag	attgctcaca	tggctgggca	ctcatccatg	tactgtactc	tcctatgcag
2820	tacagagcag	agctggggtt	cagcccaaagt	cttgactctc	gctctgaacc	aacctctag
2880	aagggtctta	cctacccaga	cagacagact	tgggaaaaaga	gagaatgaaa	aagtgccaca
2940	ccccctcccc	cacaccccag	tcccacttta	cagaggggaa	cactgaggct	ggaggggttg
3000	gtagctgtgt	ggatgcaggg	gacggtgact	cagggccaatt	cccccatccc	tgaggccctg
3060	cgttgatctt	tctcctcctg	agccagcatc	ctttcagatg	gagacattgg	ggtggacatt
3120	tccctgacag	gtgatccccg	catcacagcc	tcctacctgg	agtccccatc	caaggtagga
3180	gttgtgggag	ggtgggcagg	gcccagcttc	cccaggggag	ttggtccctt	tttgtgctct
3240	gacaaaccca	tccccacgct	tcaaccttat	ggcagccaaag	agtcctgggg	agctcctcct
3300	catttcctgat	gctcctccgc	attcctgatg	ctgcgaggag	ggcaggccac	agcgacgtgc
3360	ccctgacccc	tctctgcagg	caccagggct	gccactaca	aggatcccag	caaagcacca
3420	gctccttccc	agagggctta	ttcgggcttct	gtcatcctct	acagcagtgg	attgtggccc
3446	ccccaggggg	gtactqacaa	aaqctt			

FIG. 3

CETP Genomic (SEQ ID NO:3)
Genbank M32997

acatggtgca	catgcctgta	gtcctagcta	cttgggtggct	gaggtagaca	atcgcttgaa	60
cctgggacgt	ggaggttgca	gtgagctgag	atcgtgccac	tgccctccag	cctgggcaac	120
agagtgaac	tgtctcaaaa	acaaaaaaag	aaaagaaaag	aaaaagaaag	tgactttctca	180
ggtcctaacc	ccaaagccac	aggtgctggg	gaactttcct	cggttttcag	aagagcagta	240
gctaagcctg	gttcccgtgt	catccttgcc	tctccagtc	ctcagtgga	agaatcaggg	300
gcctgagct	aggagggttg	ctctctgctt	cgggaagagc	cctgggtcac	agcaaatftg	360
gtttctctcc	ccaggatata	gtgactaccg	tccaggcctc	ctattctaag	aaaaagctct	420
tcttaagcct	cttgatttc	cagtatgtgc	tgacagagaag	agaagggggc	ggtcaactcc	480
gcaaacctct	ccctggcccc	ttggagtcag	gcacagggcg	gggtgttggt	ggggaaatgt	540
ggcccccttc	ttctggggca	tatgggctga	ctgcagggaa	gataagaccc	tgctagata	600
gaatcttcgt	ggggaagaa	gggtccagg	aagaatggag	ggctgccagg	aagaaggcct	660
gagctatgag	acaaaagcac	tggctgctat	tcttagagtt	tctttcccag	gggatgttac	720
aggagggggc	ccaatggagg	gtcaaatat	catcgctttt	ttatttcagg	attacaccaa	780
agactgtttc	caacttgact	gaggtaggta	gtcttggata	gactggggga	aataagtcct	840
gtgggacctc	ctgccctaaa	gaaagcaggc	ggagggccct	aaaggaatc	aggcaaccag	900
accaaaaagaa	tgtgaccagg	tgttccatgc	tgtgtctctt	gtgaccttc	ttctccctgc	960
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atgggctagc	aatcctgggc	ctccccagg	cgaaggaaaag	accactcagg	aagggcaccg	1140
tctggggcac	gaaaacggag	tgggttgat	gtattttttt	cacggatggg	catgaggatg	1200
aatgcttgtc	caggccgtgc	agcatctgcc	ttgtgggtca	cttctgtgct	ccagggagga	1260
ctcaccatgg	gcatttgatt	gcagagcagc	tccgagtcgg	tccagagcct	cctgcagtca	1320
atgatcaccc	ctgtgggcat	ccctgaggtc	atgtctcgta	agtgtgggct	ggaggggaaa	1380
ctgggtgccc	aggctgacag	agcttcccc	ttcacctttt			1420

FIG. 4

CETP Genomic Sequence (SEQ ID No. 4)
Genbank No.: M32998

```
1  ggatggggtg ggagctcaag ttttggggca gaagggaatt tttttggca gcagagtgc
61  agccctgccg ccaggcaaac tctgctcttc ctcatcctca gaagcacttg ctcaactctgc
121 taaatcaaag tgaacgcat gtttacagaa tattggtcca aaaggggtctc agcatctccc
181 actacccagg gtgcagagcc tcgggccggc cttgctcccc aagaagggct gactggggct
241 ctgtccccctc gcccagggtc cgaggtagtg tttacagccc tcatgaacag caaaggcgtg
301 agcctctctc acatcatcaa ccctgagatt atcactcgag atgtgagtac aaagccccc
361 tcaccagccc ctgttccttg ggagagaggc ccagacagga ttccctgggt gactgggggc
421 tgttggggag acagacagag gggcctctac cagcttggtt ccctcctggt ggcctgggag
481 tcagcccagc tcgccccctt ctctactgc cctcccrctc agggcttctt gctgctgcag
541 atggactttg gcttccctga gcacctgctg gtggatttcc tccagagctt gagctagaag
601 tctccaaagg ggtcgggatg gggcttgtag cagaaggcaa gcaccaggct cacagctgga
661 accctgggtg ctctccagc gtggtggaag ttgggttagg agtacggaga tggagattgg
721 ctcccaactc ctccctatcc taaaggccca ctggcattaa agtgctgtat ccaagagctg
781 cggagtcctt cttctgtggc tggcgggtag aggggggggg aagggattgt ctaccagtg
841 ccgtccacct cttttcagcc ctcccaagca gctgccccca aacctccaa gctt
```

FIG. 5

CETP Alleles

Intron 1 (707):

Allele 1: GTTCTTTGGT G AGAAGGTCCT (SEQ ID No. 5)

Allele 2: GTTCTTTGGT A AGAAGGTCCT (SEQ ID No. 6)

Intron 8 (3707):

Allele 1: TGGCCTGAAC C TGATCGCGGACC (SEQ ID No. 7)

Allele 2: TGGCCTGAAC T TGATCGCGGACC (SEQ ID No. 8)

Intron 8 (3946):

Allele 1: GATGATCTAG A GGGCGGGGG (SEQ ID No. 9)

Allele 2: GATGATCTAG T GGGCGGGGG (SEQ ID No. 10)

Promoter (VNTR):

GAA and GAA repeats between -2144 and -1974 from translational start site. Alleles are defined by variation in size.

Insertion (307):

Allele 1: GAATGGAGGG AGGCCCTGGC (SEQ ID No. 11)

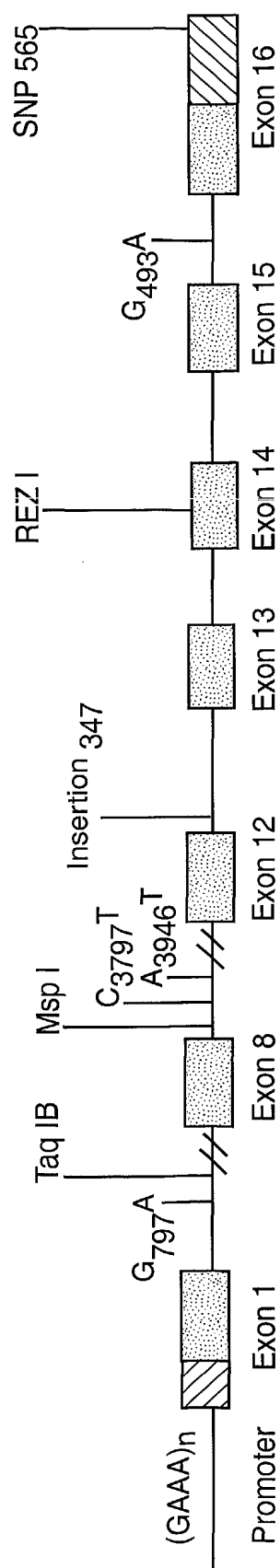
Allele 2: GAATGGAGGG CTGCCAGGAAGAAGG AGGCCCTGGC (SEQ ID No. 12)

Intron 15 (493):

Allele 1: AGCCCAGCTC G CCCCTCTCTC (SEQ ID No. 13)

Allele 2: AGCCCAGCTC A CCCCTCTCTC (SEQ ID No. 14)

FIG. 6



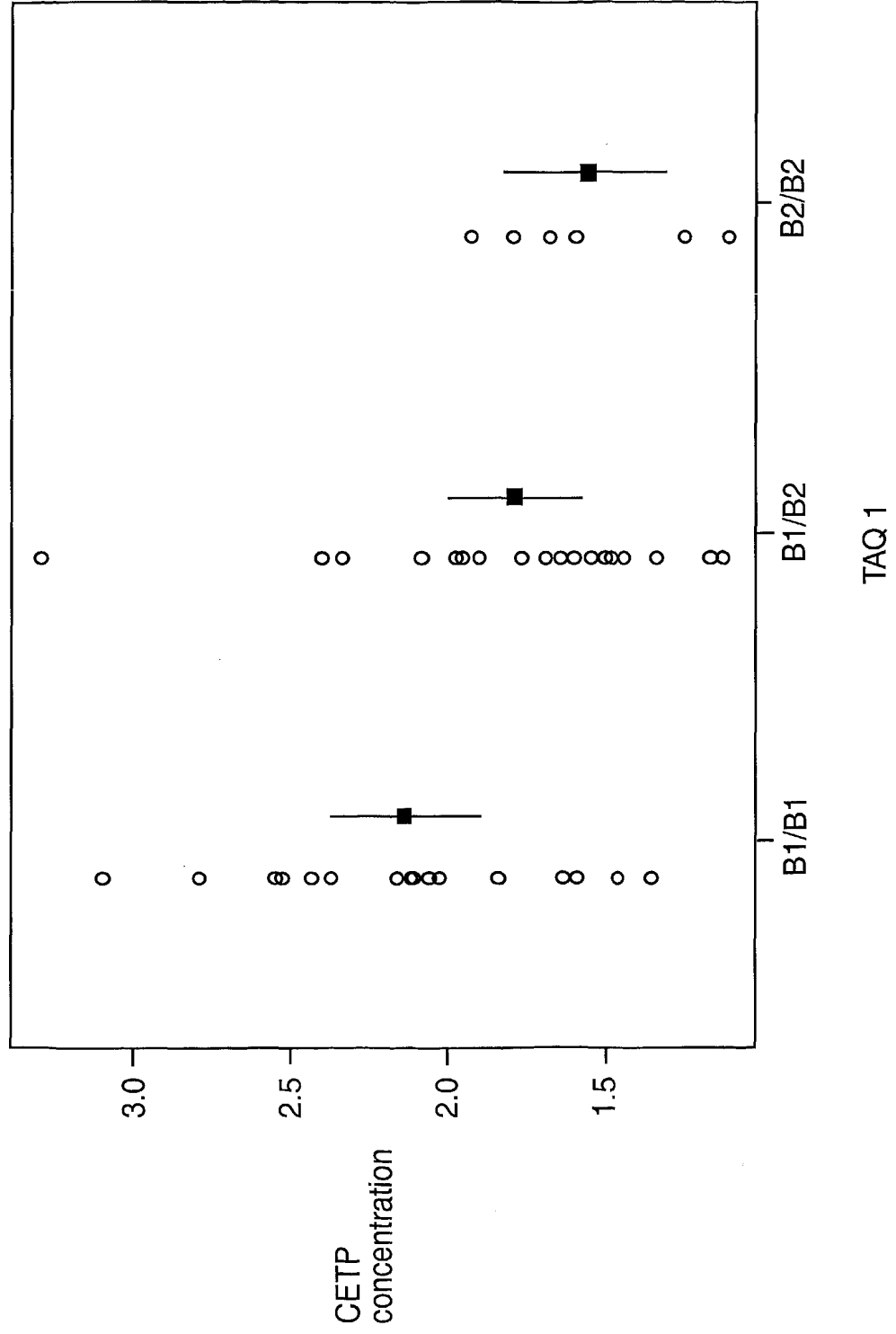


FIG. 8

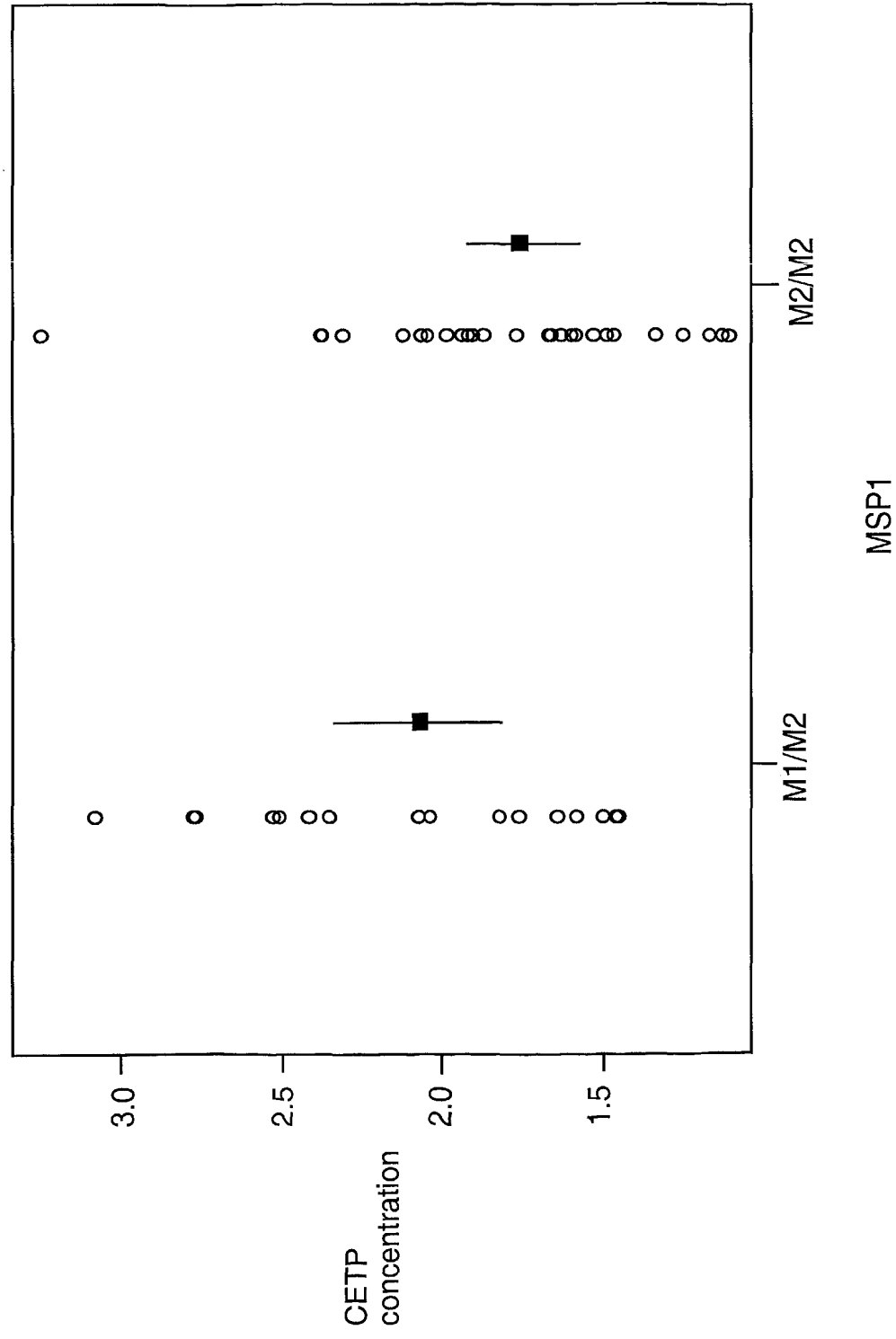


FIG. 9

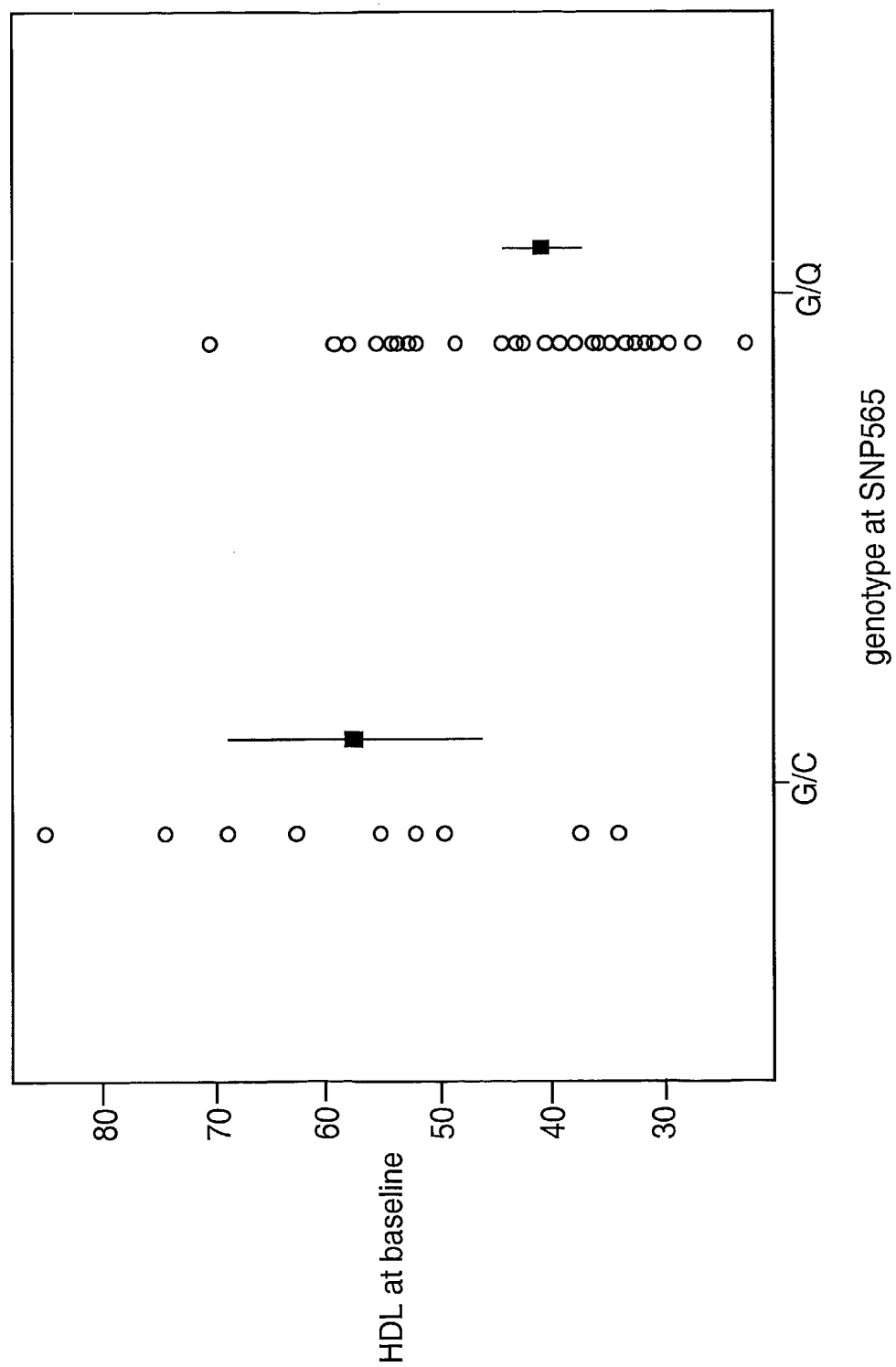


FIG.10

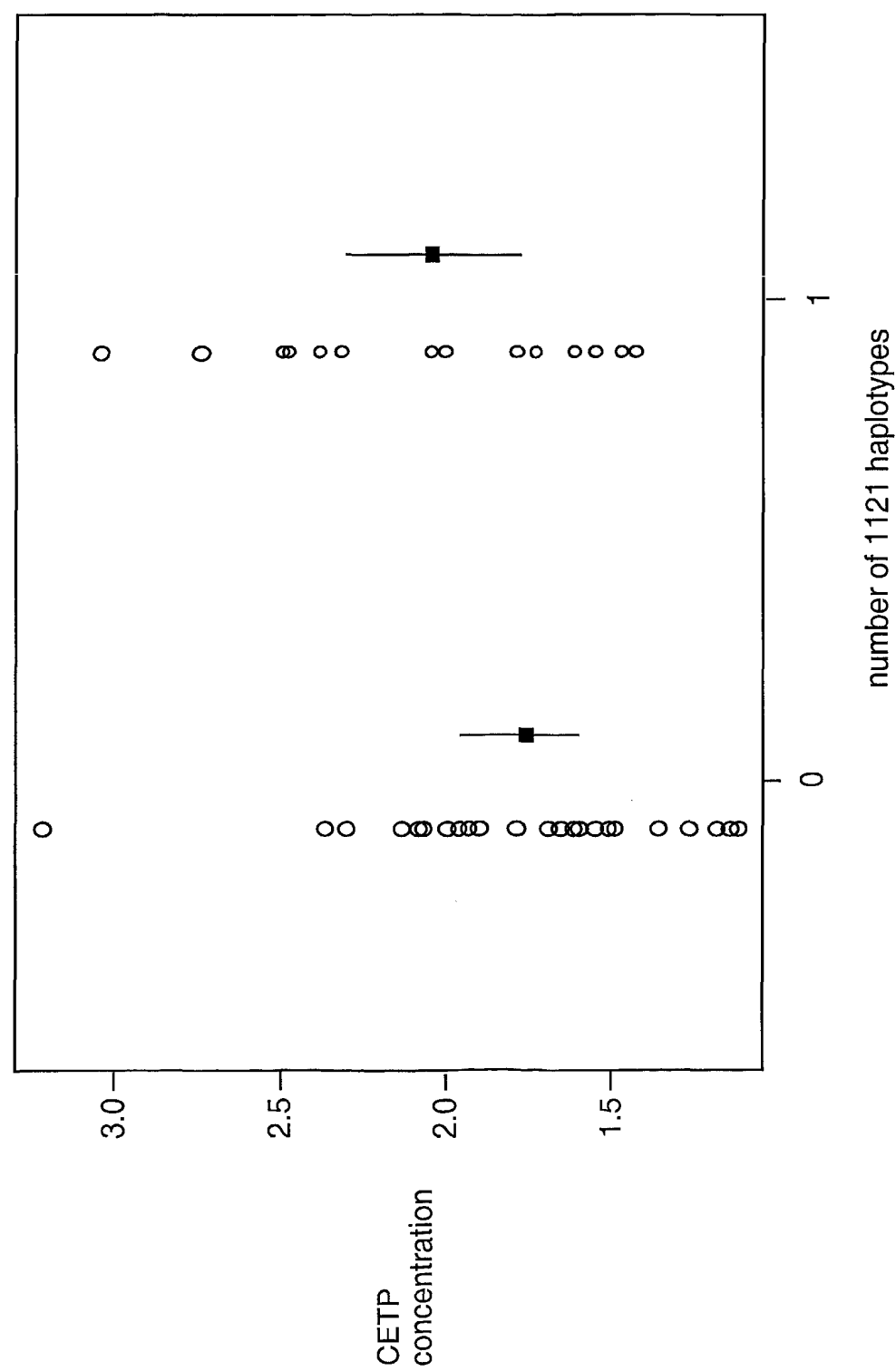


FIG. 11

